

United States Department of the Interior
National Park Service

For NPS use only

National Register of Historic Places
Inventory—Nomination Formreceived K
date enteredSee instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections**1. Name**

historic M.D.L. Williams Barn - Byre and Bluff Barns of Doniphan County (TR)

and or common Caudle and Atwater Barn

2. Location

3 mi. S of KS 20

street & number NE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, S20, T4S, R20E

not for publication

city, town Bendena

X vicinity of

state Kansas

code 20

county Doniphan

code 43

3. Classification**Category**☐ district
☒ building(s)
☐ structure
☐ site
☐ object**Ownership**☐ public
☒ private
☐ both**Public Acquisition**☒ in process
☒ being considered**Status**☐ occupied
☒ unoccupied
☐ work in progress
Accessible
☒ yes: restricted
☐ yes: unrestricted
☐ no**Present Use**☒ agriculture
☐ commercial
☐ educational
☐ entertainment
☐ government
☐ industrial
☐ military☐ museum
☐ park
☐ private residence
☐ religious
☐ scientific
☐ transportation
☐ other:**4. Owner of Property**

name Roger D. Caudle and John C. Atwater

street & number N/A

city, town Bendena

vicinity of

state Kansas 66008

5. Location of Legal Description

courthouse, registry of deeds, etc. Registry of Deeds

street & number Doniphan County Courthouse

city, town Troy

state Kansas 66087

6. Representation in Existing Surveystitle Doniphan County Cultural
Surveyhas this property been determined eligible? ☐ yes ☒ no

date 1985

☐ federal ☐ state ☐ county ☒ local

depository for survey records Kansas State Historical Society, 120 W. 10th

city, town Topeka

state Kansas 66612

7. Description

Condition

☐ excellent
☒ good
☐ fair

☐ deteriorated
☐ ruins
☐ unexposed

Check one

☐ unaltered
☒ altered

Check one

☒ original site
☐ moved date _____

Describe the present and original (if known) physical appearance

The M. D. L. Williams Barn (ca. 1901) is located on the Roger Caudle and John Atwater Farm near Bendena, Kansas (pop. 150). The one-story, three-bay, center entrance, german lap sided barn has a partial byre with a limestone foundation and metal sheathed, gambrel roof. The superstructure is supported by nailed and pegged, post and beam and plank framing. The barn has a north to south orientation, measuring thirty-six feet from east to west and twenty feet from north to south. The byre is built into the south, east, and north embankments.

The south elevation is composed of a center wagonway which is missing its ramp. A small door stands in the eastern bay of this level. An access door to the byre pierces the exposed foundation wall of the southern elevation's western bay. Three rounded louvered vents pierce the western gable. Four window openings pierce the eastern elevation's hay floor level, surmounted by a hay door and hood. A center wagonway pierces the northern elevation, its ramp is nonextant. The hay floor retains its stalls in the east bay and three granaries in the west bay and the manger stalls in the byre. The barn retains its hay loft. The barn is painted red.

Originally constructed as a mixed-use barn, the building now stands vacant on a rental property. The building maintains a high degree of architectural and structural integrity. The significant alteration to the barn has been the replacement of the original roof with a metal roof. This is an alteration common to many of the barns included in this nomination.

8. Significance

Period	Areas of Significance—Check and justify below			
___ prehistoric	___ archeology-prehistoric	___ community planning	___ landscape architecture	___ religion
___ 1400-1499	___ archeology-historic	___ conservation	___ law	___ science
___ 1500-1599	___ agriculture	___ economics	___ literature	___ sculpture
___ 1600-1699	<input checked="" type="checkbox"/> architecture	___ education	___ military	___ social/
___ 1700-1799	___ art	___ engineering	___ music	humanitarian
___ 1800-1899	___ commerce	___ exploration/settlement	___ philosophy	___ theater
<input checked="" type="checkbox"/> 1900-	___ communications	___ industry	___ politics/government	___ transportation
		___ invention		___ other (specify)

Specific dates Ca. 1901 Builder/Architect Unknown

Statement of Significance (in one paragraph)

The M. D. L. Williams Barn (ca. 1901) is being nominated to the National Register as part of the Byre and Bluff Barns of Doniphan County (ca. 1860-1933) nomination under criterion C for its architectural significance. Marquis D. L. Williams, a native of Missouri, moved to Doniphan County in 1883, and worked as a farmhand until 1887. He then purchased and developed a farm in northern Wolf River Township and in 1900 purchased the land on which the nominated barn stands, having it built soon thereafter. The M. D. L. Williams Barn is an example of a three-bay, center entrance, partial byre, german lap sides, gambrel roof and limestone foundation with a threshing floor and hay loft.

The eighteen nominated barns share a common feature in that at least one side of each barn's foundation is embedded in an earthen bank or bluff; the majority of the barns are built into shallow bank two of the barns are built into bluffs. These vernacular wooden and cement structures span a seventy year construction period and exhibit various masonry foundations, skeletal structures, and superstructures. The byre and bluff barns of Doniphan County are an excellent example of a vernacular form of architecture which was built to take advantage of the hilly topography of the county. These barns are representative of approximately thirty byre and bluff barns identified in a 1984-1985 cultural resource survey of Doniphan County. The remaining barns are too altered and/or deteriorated to be included in this nomination. Most of the nominated barns were constructed for stock and dairy cattle and remain in active use on working farms. The relative rarity of byre and bluff barns in Doniphan County and the high degree of architectural and structural integrity maintained by the nominated barns make this thematic grouping of vernacular agricultural structures extremely significant.

Doniphan County (est. 1855) experienced a substantial population increase in the twenty years following the Civil War, with many settlers moving from Ohio, Pennsylvania, Virginia, and Germany. The barn building traditions brought by these settlers combined with the suitable topography contributed to the building of the byre and bluff barn type in Doniphan County. Most of the nominated barns are three-bay, center entrance, gable roof structures with limestone foundations, a full byre, a threshing floor, and a hay loft. There are groupings of period types, such as the board and batten barns with louvered vents from the 1840s and 1880s, the large, gambrel roof barns from 1910s, 1920s and 1930s, and the gradual transition from post and beam construction to plank framing. In 1891 J. D. Walters of the Kansas State Agricultural College called the byre (bank)/bluff barn an "all-purpose barn of the Kansas farmer" in an article entitled "The Barn," which was published in the Quarterly Report of the Kansas State Board of Agriculture. Walters described the bank barn as follows:

It gives a warm basement for the milk cows and cattle, and an accessible second story for the draught animals—for tools, machines, harness, and grain—and a roomy attic, or loft, for hay, straw, and fodder. In many states this form is objectionable for sanitary reasons, but in the dry

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climate of Kansas it is preferable to any other, unless there should be an unusually moist ledge directly against or under it...The building should be located so that the basement will be partly in the ground on the north and west, and so that a low embankment, or filling, on these sides will give access to the second story.

While the byre or bluff barn presented a practical solution for Doniphan County's rolling topography, harsh winters, and high winds, it was not the most common solution. The byre and bluff barns built between 1860 and 1933 generally cost from \$2,000.00 to \$3,000.00 and while this may have been cost effective investment, it was an expensive investment. In addition, the higher degree of skilled craftsmanship required to construct a byre or bluff barn as opposed to most barns without foundations also hindered their construction. While the byre and bluff barns of Doniphan County are a sturdy survivor of a barn type built in Doniphan County between 1860 and 1933 they are not prolific, being far outnumbered by more inexpensive, rectangular wooden barns without foundations.

9. Major Bibliographical References

See attached sheet

10. Geographical Data

Acreage of nominated property Less than 1 acre

Quadrangle name Bendena

Quadrangle scale 1:24,000

UTM References

A 15 310690 4394690
Zone Easting Northing

C

E

G

B
Zone Easting Northing

D

F

H

Verbal boundary description and justification The nominated property is located on the NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, S20, T4S, R20E in Doniphan County, Kansas on a tract measuring 56 x 40 feet, whose northeast corner is 14.1 feet directly northeast of the northeast corner of the barn's foundation. Beginning at the northeast corner of the parcel the boundary proceeds 40 feet south, 56 feet west, 40 feet north, and 56 feet east to the point of the beginning.

List all states and counties for properties overlapping state or county boundaries

state N/A code N/A county N/A code N/A

state N/A code N/A county N/A code N/A

11. Form Prepared By

name/title Martha Gray Hagedorn, Architectural Historian

organization Kansas State Historical Society

date October 28, 1986

street & number 120 West 10th

telephone 913-296-5264

city or town Topeka

state Kansas 66612

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

 national state X local

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

State Historic Preservation Officer signature 

title Executive Director, Kansas State Historical Society

date October 28, 1986

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I hereby certify that this property is included in the National Register

date

Keeper of the National Register

Attest:

date

Chief of Registration

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- Walters, J.D. "The Barn," The Quarterly Report of the Kansas State Board of Agriculture. 31 March 1891.

M.D.L. Williams Barn
Bendena vicinity, Kansas
VTM Coordinates
15 310690 4394690

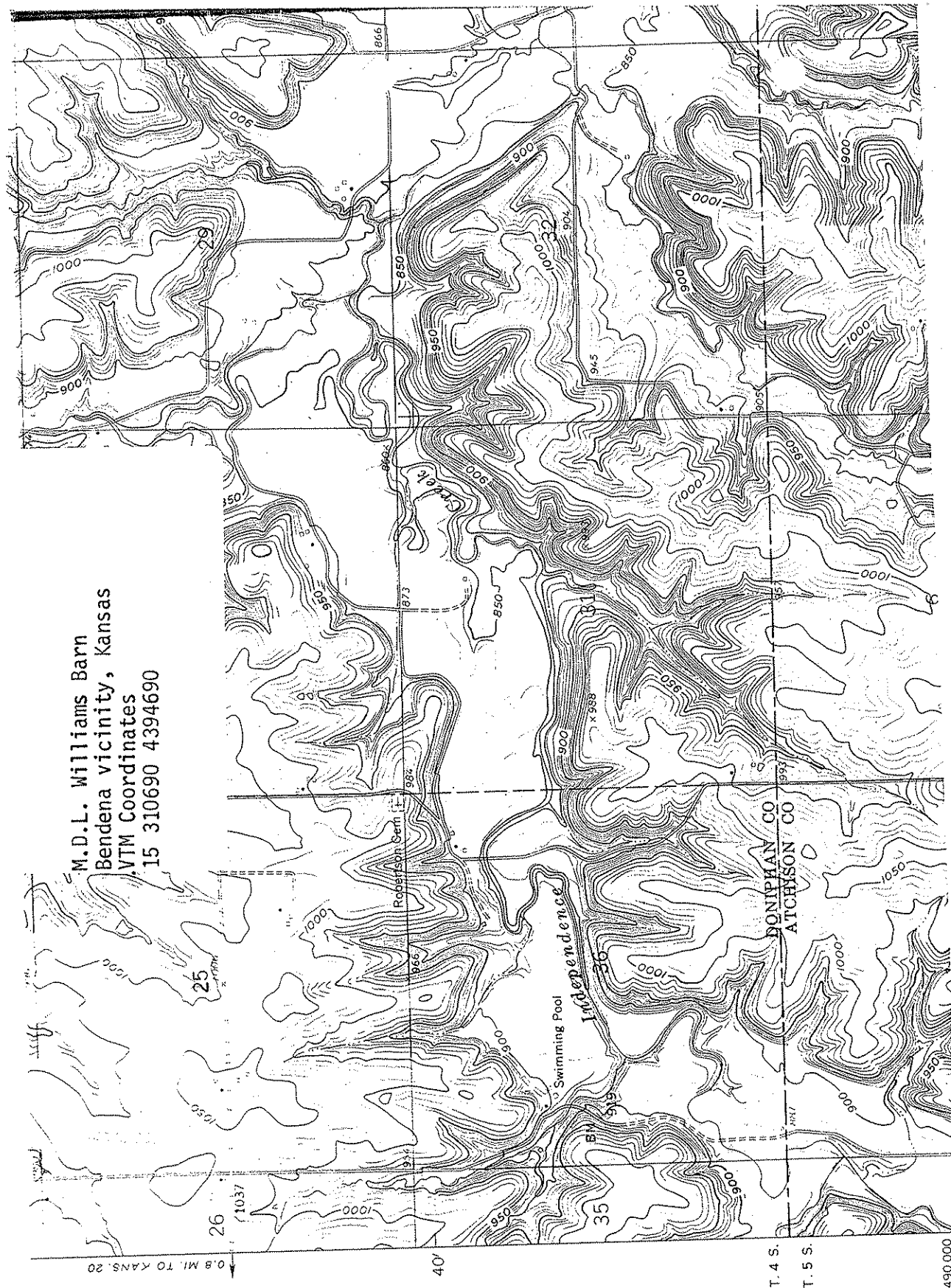
0.8 MI. TO KANS. 20

40'

T. 4 S.

T. 5 S.

490 000



2-1
M.D.L. Williams Barn
Bendena vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
South & West elevations, NE view
1 of 5

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M.D.L. Williams Barn
Bendena vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
South & East elevations, NW view
2 of 5

M.D.L. Williams
Bendena vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
Byre level, North view
3 of 5

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M.D.L. Williams
Bendena vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
Byre level, North view
4 of 5

M.D.L. Williams Barn
Bendena vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
First level (threshing floor)
East view
5 of 5

